

Model: AE4430Y-AA1A

Product Description

Type:	Reciprocating Compressors
Application:	HBP/CBP - High/Commercial Back Pressure
Refrigerant:	R-134a/R-513A
Voltage/Frequency:	115V ~ 60Hz
Version:	N/A



Product Specifications

Performance

Condition	Test Voltage	Refrigeration Capacity			Input Power (I) W	(E) Efficiency			EVAP TEMP	Condition	AMBIENT TEMP	RETURN GAS	LIQUID TEMP
		(R) Btu/h	(R) kcal/h	(R) W		(E) Btu/Wh	(E) kcal/Wh	W/W					
ARI (R-134a)	115V ~ 60HZ	3257	821	954	448	7.27	1.83	2.13	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	18.3°C (65°F)	46°C (115°F)
ASHRAE (R-513A)	115V ~ 60HZ	3465	873	1015	450	7.71	1.94	2.26	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-134a)	115V ~ 60HZ	3465	873	1015	450	7.71	1.94	2.26	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ARI (R-134a)	115V ~ 60HZ	3257	821	954	448	7.27	1.83	2.13	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	18.3°C (65°F)	46°C (115°F)
ASHRAE (R-513A)	115V ~ 60HZ	3465	873	1015	450	7.71	1.94	2.26	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)
ASHRAE (R-134a)	115V ~ 60HZ	3465	873	1015	450	7.71	1.94	2.26	7.2°C (45°F)	54°C (130°F)	35°C (95°F)	35°C (95°F)	46°C (115°F)

General

Evaporating Temp. Range:	-15°C to 15°C (5°F to 59°F)
Motor Torque:	High Start Torque (HST)
Compressor Cooling:	Fan

Mechanical

Weight:	10
Weight Unit of Measure:	KG
Displacement (cc):	8.02
Oil Type:	Polyolester
Viscosity (cSt):	32
Oil Charge (cc):	264.55

Electrical

Voltage Range (50 Hz):	
Voltage Range (60 Hz):	103-127
Locked Rotor Amps (LRA):	27.5
Rated Load Amps (RLA 50 Hz):	0
Rated Load Amps (RLA 60 Hz):	4.91
Max. Continuous Current (MCC in Amps):	6.8
Motor Resistance (Ohm) - Main:	1.91
Motor Resistance (Ohm) - Start:	5.41

MotorType:
Overload Type:
Relay Type:

CSIR

Agency Approval

CE Listed, SASO Listed, cURus Recognized